

SEQ ID NO:1 TCGAGCTC ATG AGG TGT AAC CCC GGA GGA GTG TGG CTG GCA CTG GCA 39
SEQ ID NO:2 M R C S P G G V N L A L A 13

GCA TCT CTC CTG CAC GTG TCC CTG CAA GGC GAG TTC CAG AGG AAG CTT 67
A S L L H V S L Q G E F Q R K L 29

TAC AAG GAG CTG GTC AAG AAC TAC ATT CCC TTC GAG AGG CCC GTG GCC 135
Y K E L V K N Y N P L E R P V A 45

AAT GAC TCG CAA CCA CTC ACC GTC TAC TTC TCC CTG AGC CTC CTG CAG 183
N D S Q P L T V Y F S L S L L Q 61

ATC ATG GAC GTG GAT GAG AAG AAC CAA GTT TTA ACC ACC AAC ATT TGG 231 Δ
I M D V D E K N Q V L T T N I W 77 $\overline{\delta}$

CTG CAA ATG TCT TCG AAC GAT CAC TAT TTA CAG TGG AAT GTG TCA GAA 279
L Q M S W T D H Y L Q W N V S E 93

TAT CCA GGG GTG AAG ACT GTT CGT TTC CCA GAT GGC CAG ATT TGG AAA 327
Y P G V K T V R F P D G Q I W K 109

CCA GAC ATT CTT CTC TAT AAC AGT GCT GAT GAG CGC TTT GAC GCC ACA 375
P D I L L Y N S A D E R F D A T 125

FIG. 2A

SEQ ID NO:1 TTC CAC ACT AAC GTG TTG GTG AAT TCT TCT GGG CAT TGC CAG TAC CTC 423

SEQ ID NO:2 P H T N V L V N S S G H C Q Y L 141

CCT CCA GGC ATA TTC AAG AGT TCC TCC TAC ATC GAT GTA CGC TGG TTT 471

P P C I F K S S C Y I D V R W P 157

CCC TTT GAT GTG CAG CAC TGC AAA CTG AAG TTT GGG TCC TGG TCT AAC 519

P F D V Q H C K L K F G S W S Y 173

GGA CGC TGG TCC TTG GAT CTG CAG ATG CAG GAG GCA GAT ATC AGT CGC 567

G G W S L D L Q M Q S A D I S C 189

TAT ATC CCC AAT GGA GAA TCG GAC CTA GTG GGA ATC CCC CGC AAG AGG 615

Y I P N C E W D L V G I P G K R 205

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AGT GAA AGG TTC TAT GAG TGC TGC AAA GAG CGC TAC CCC GAT GTC ACC 663

S E R P Y E C C K E P Y P D V T 221

TTC ACA GTG ACC ATG CGC CGC AGG ACA CTC TAC TAT GGC CTC AAC CTG 711

F T V T M R R R T L Y Y G L N L 237

CTG ATC CCC TGT GTG CTC ATC TCC CGC CTC CGC CTG CTG GTG TTC CTG 759

L I P C V L I S A L A L L V F L 253

CTT CCT GCA GAT TCC GGG GAG AAG ATT TCC CTC GGG ATA ACA GTC TTA 807

L P A D S G E K I S L G I T V L 269

FIG. 2B

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SEQ ID NO:1 CTC TCT CTT ACC ACC TTC ATG CTG CTC GTG GCT GAG ATC ATG CCC GCA 855
SEQ ID NO:2 L S L T I F M L L V A E I N P A 285

ACA TCC GAT TCG GTA CCA TTG ATA GCC CAG TAC TTC GCC AGC ACC ACC ATG 903
T S D S V P L I A Q Y F A S T N 301

ATC ATC GTG GGC CTC TCG GTG GTG GTC ACG GTC ATC CTG CTG CAG TAC 951
I I V G L S V V V T V I V L Q Y 317

CAC CAC CAC GAC CCC GAC GGC GGC AAG ATG CCC AAG TGG ACC AGA GTC 999
H H H D P D G G K M P K W T R V 333 

ATC CTT CTG AAC TCG TCC GCG TCG TTC CTG CCA ATG AAG AAG CCC GGC 1047
I L L N W C A N F L R N K R P G 349

GAG GAC AAG GTC GGC CCC GCG TCG CAG CAC AAG CAG CGG CCC TGC AGC 1095
E D K V R P A C Q H K Q R R C S 350

CTG CCC ACT GTC GAG ATG ACC GCG GCG CGG CCC GCG AGC AAC 1143
L A S V E M S A V A P P P A S N 366

FIG. 2C

SEQ ID NO:1 GGG AAC CTG CTG TAC ATC GGC TTC CGC GGC CTG GAC GGC GTG CAC TGT 1191

SEQ ID NO:2 G N L L Y I G F R G L D G V H C 382

GTC CGG ACC CCC GAC TCT GGG GTA GTG TGT GGC CGC ATG GCC TCC TCC 1239

V P T P D S G V V C G R H A C S 398

CCC ACG CAC GAT GAG CRC CTC CTC CAC CCC GGG CAA CCC CCC GAC GGC 1287

P T H D E H L L H G G Q P P E G 414

CAC CGG GAC TTG GCC AAC ATC CTG GAG GAG GTC CGC TAC ATT GCC AAC 1335

D P D L A K I L E S E V R Y I A N 430

GCG TTC CGC TCC CAG GAC GAA ACC GAG CGG GTC TCC AGC GAG TCC AAC 1383 ^G

R F R C Q D E S E A V C S E W K 446 ^G

TTC GCC GCC TGT GTG GTG GAC CGC CGC CTG TGC CTC ATG GCC TTC TCG GTC 1431

F A A C V V D R L C L H A P S V 462

TTC ACC ATC ATC TGC ACC ATC GGC ATC CTG ATG TCG CCT CCC AAC TTC 1479

F T I I C T I G I L M S A P N F 478

GTG GAG GCC GTG TCC AAA GAC TTT GCG TAACCAGCGCTGGTTCTGTACATGTGG

V E A V S K D F A

AAAATCACTACAGTCTGGCGAGCGCTTTCGCTGGAGATTGCGGGAA

FIG. 2D